

Docket No.: 12810-00136-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Petra Cirpus et al.

Application No.: 10/552,127

Confirmation No.: 6201

Filed: October 5, 2005

Art Unit: 1638

For:  $\Delta$ -4 DESATURASES FROM EUGLENA  
GRACILIS, EXPRESSING PLANTS, AND  
OILS CONTAINING PUFA

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Examiner: Elizabeth F. McElwain

**AMENDMENT AND REPLY UNDER 37 CFR §1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated November 26, 2008, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.